

# Comparisons of Job Characteristics

**Focus Occupation:** [Engineering Technicians, Except Drafters, All Other \(17-3029\)](#)

**Associated Occupation:** [Inspectors, Testers, Sorters, Samplers, and Weighers \(51-9061\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 61

**Focus Occupation:** Engineering Technicians, Except Drafters, All Other (17-3029)  
**Associated Occupation:** Inspectors, Testers, Sorters, Samplers, and Weighers (51-9061)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Production and Processing	6.0	11.9	13.3	> Current knowledge level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 66

**Focus Occupation:** Engineering Technicians, Except Drafters, All Other (17-3029)  
**Associated Occupation:** Inspectors, Testers, Sorters, Samplers, and Weighers (51-9061)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation Monitoring	6.6	8.0	12.1	>> Skill level is likely more than sufficient
Quality Control Analysis	5.9	7.9	11.5	>> Skill level is likely more than sufficient
Troubleshooting	4.5	5.5	10.6	>> Skill level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Abilities

Similarity of Focus Occupation to Associated Occupation: 91

**Focus Occupation:** Engineering Technicians, Except Drafters, All Other (17-3029)  
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Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Oral Comprehension	12.5	12.2	13.6	> Current ability level is likely sufficient

Oral Expression	12.4	11.9	12.7	0	Current ability level may be sufficient
Near Vision	11.1	10.5	12.4	>	Current ability level is likely sufficient
Written Comprehension	11.0	10.1	12.7	>	Current ability level is likely sufficient
Category Flexibility	9.0	9.6	11.0	>	Current ability level is likely sufficient
Deductive Reasoning	10.6	9.4	12.9	>>	Current ability level is likely more than sufficient
Problem Sensitivity	11.1	9.2	12.6	>>	Current ability level is likely more than sufficient
Inductive Reasoning	10.2	9.0	12.0	>>	Current ability level is likely more than sufficient
Flexibility of Closure	7.8	8.5	10.5	>	Current ability level is likely sufficient
Auditory Attention	5.9	7.6	7.6	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

There are no common work activities.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 86

**Focus Occupation: Engineering Technicians, Except Drafters, All Other (17-3029)**  
**Associated Occupation: Inspectors, Testers, Sorters, Samplers, and Weighers (51-9061)**

Tools and Technologies	Exclusivity
Business function specific software	1
Computer printers	2
Computers	1
Content authoring and editing software	1
Electrical measuring and testing equipment	7
Electrochemical measuring instruments and accessories	9
Electronic and communication measuring and testing instruments	14
Fluid mechanics equipment	11
Indicating and recording instruments	2
Industry specific software	1
Laboratory environmental conditioning equipment	24
Length and thickness and distance measuring instruments	2
Lifting equipment and accessories	3
Light and wave generating and measuring equipment	4
Metals and metallurgy and structural materials testing instruments	15
Non destructive examination equipment	13
Power conditioning equipment	33
Pressure measuring and control instruments	10
Pumps	9
Special tooling fixtures	16
Spectroscopic equipment	10
Temperature and heat measuring instruments	6
Viewing and observing instruments and accessories	4
Weight measuring instruments	7

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.